ABSTRACT

The preferred embodiment of the invention comprises a method of reducing flicker in a stereoscopic display system having LC shutter glasses and a display device, the glasses, having two LC shutter assemblies each having a first polarizing element nearer the eye, a second polarizing element nearer the display and an active rotator between the two polarizing elements. The method of reducing flicker comprises removing the second polarizing material from each LC shutter assembly and installing a third polarizing material in the optical path between said LC shutter glasses and said display device. The third polarizing material has a polarizing characteristics substantially identical to that of said second polarizing material. The display device is a CRT display, a front view projection system or a rear projection display screen wherein the third polarizing material is mounted on the rear projection screen between the projected image and the LC shutter glasses. A stereoscopic display system with reduce flicker using the method described above includes: LC shutter glasses having two LC shutter assemblies each having a first polarizing material nearer the eye and an active rotator; a display device; and, a second polarizing material in the optical path between said LC shutter glasses and said display device. The second polarizing material has a polarizing characteristic substantially orthogonal to that of said first polarizing material.